ECS Configuration Change Request

1. Originator	2. Log Date: 9/27/02	3. CCR #: 02-0850	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Sarah Lewallen				301-925-0865	2117B	SE

8. CCR Title: Add additional node board and memory to e0dig06

9. Originator Signature/Date Sarah Lewallen /s/ 9/26/02	10. Class II	11. Type: CCR	12. Need Date: 10/5/02

13. Office Manager Signature/Date Jim Mather /s/ 9/26/02	14. Category of Change: Update ECS Baseline Doc.	15. Priority: (If "Emergency" fill in Block 27). Routine

16. Documentation/Drawings Impacted (Review and submit checklist): 920-TDE-001	17. Schedule Impact: None	18. CI(s) Affected:DISTHW

19. Release Affected by this Change: 5A	20. Date due to Customer:	21. Estimated Cost: None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☒Other: ECSed35110

23. Problem: (use additional Sheets if necessary)
With the addition of the new Rimage e0dig06 is running with 0% CPU idle time and a load of 20+. When OPS tries to load up all of the rimages, there can be up to 32 jobs running at once which over works e0dig06 in its current configuration. With a load of 20+ the machine comes to a crawl in I/O performance, impacting network traffic the most. The disk I/O is extremely high also as 32 jobs are trying to be staged and transfered all from the same area at the same time.

24. Proposed Solution: (use additional sheets if necessary)
Add an additional node board with 2 CPUs and 1GB of memory.

25. Alternate Solution: (use additional sheets if necessary)
None

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Will not be able to keep up with PDS loads.

27. Justification for Emergency (If Block 15 is "Emergency"):

28. Site(s) Affected: ☐EDF ☐PVC ☐VATC ☒EDC ☐GSFC ☐LaRC ☐NSIDC ☐SMC ☐AK ☐JPL ☐EOC ☐IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): Gary Gavigan /s/ 9/26/02	Disposition: <mark>Approved</mark> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS